

Report of Analysis

Client: PSEG
Project: PSEG Bayway Switching Station
Client Sample ID: VNJ-202
Lab Sample ID: Q3631-01
Level (low/med): low

Date Collected: 11/13/25
Date Received: 11/13/25
SDG No.: Q3631
Matrix: SOIL
% Solid: 85.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	9260		1	0.83	4.93	mg/Kg	11/14/25 13:05	11/17/25 14:43	6010D	SW3050
7440-36-0	Antimony	0.22	UN	1	0.22	2.47	mg/Kg	11/14/25 13:05	11/17/25 14:43	6010D	SW3050
7440-38-2	Arsenic	3.59		1	0.19	0.99	mg/Kg	11/14/25 13:05	11/17/25 14:43	6010D	SW3050
7440-39-3	Barium	81.1		1	0.72	4.93	mg/Kg	11/14/25 13:05	11/17/25 14:43	6010D	SW3050
7440-41-7	Beryllium	0.67		1	0.025	0.30	mg/Kg	11/14/25 13:05	11/17/25 14:43	6010D	SW3050
7440-43-9	Cadmium	1.63		1	0.024	0.30	mg/Kg	11/14/25 13:05	11/17/25 14:43	6010D	SW3050
7440-70-2	Calcium	3380		1	10.9	98.7	mg/Kg	11/14/25 13:05	11/17/25 14:43	6010D	SW3050
7440-47-3	Chromium	15.8		1	0.046	0.49	mg/Kg	11/14/25 13:05	11/17/25 14:43	6010D	SW3050
7440-48-4	Cobalt	10.6		1	0.099	1.48	mg/Kg	11/14/25 13:05	11/17/25 14:43	6010D	SW3050
7440-50-8	Copper	19.2	N	1	0.22	0.99	mg/Kg	11/14/25 13:05	11/17/25 14:43	6010D	SW3050
7439-89-6	Iron	17800		1	3.94	4.93	mg/Kg	11/14/25 13:05	11/17/25 14:43	6010D	SW3050
7439-92-1	Lead	39.8		1	0.13	0.59	mg/Kg	11/14/25 13:05	11/17/25 14:43	6010D	SW3050
7439-95-4	Magnesium	4170		1	11.8	98.7	mg/Kg	11/14/25 13:05	11/17/25 14:43	6010D	SW3050
7439-96-5	Manganese	482		1	0.14	0.99	mg/Kg	11/14/25 13:05	11/17/25 14:43	6010D	SW3050
7439-97-6	Mercury	0.11	N	1	0.0080	0.015	mg/Kg	11/14/25 11:40	11/14/25 13:57	7471B	
7440-02-0	Nickel	22.8		1	0.13	1.97	mg/Kg	11/14/25 13:05	11/17/25 14:43	6010D	SW3050
7440-09-7	Potassium	1320	N	1	27.3	98.7	mg/Kg	11/14/25 13:05	11/17/25 14:43	6010D	SW3050
7782-49-2	Selenium	0.26	U	1	0.26	0.99	mg/Kg	11/14/25 13:05	11/17/25 14:43	6010D	SW3050
7440-22-4	Silver	0.12	UN	1	0.12	0.49	mg/Kg	11/14/25 13:05	11/17/25 14:43	6010D	SW3050
7440-23-5	Sodium	252		1	17.6	98.7	mg/Kg	11/14/25 13:05	11/17/25 14:43	6010D	SW3050
7440-28-0	Thallium	0.23	U	1	0.23	1.97	mg/Kg	11/14/25 13:05	11/17/25 14:43	6010D	SW3050
7440-62-2	Vanadium	23.7		1	0.25	1.97	mg/Kg	11/14/25 13:05	11/17/25 14:43	6010D	SW3050
7440-66-6	Zinc	71.6		1	0.23	1.97	mg/Kg	11/14/25 13:05	11/17/25 14:43	6010D	SW3050

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits